

AMENDMENT AFTER FINAL
U.S. Appln. No. 09/380,579

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-8. (Cancelled).

Claim 9. (Previously Presented) A method of inducing immunological tolerance in an organ transplantation recipient which comprises the steps of:

(a) prior to organ transplantation from a graft donor, subjecting the recipient to total body irradiation using a sublethal radiation dose of at least 6.5 Gy, and thereafter,

(b) administering to the recipient a tolerogen effective amount of whole bone marrow cells from a said graft donor by hepatic portal venous administration, and thereafter,

(c) transplanting an organ from said graft donor into said recipient, to thereby achieve an engraftment rate of 100%,

wherein said subjecting the recipient in step (a) is performed one day prior to said administering of whole bone marrow cells in step (b); and

wherein said transplanting an organ in step (c) occurs within the same day as said administering of whole bone marrow cells ~~are administered~~ in step (b).

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Claim 10. (Previously Presented) The method according to Claim 9, wherein said sublethal radiation dose is 6.5 Gy to 7.0 Gy.

Claims 11-12. (Cancelled).